# 3G-SDI Splitter, SDIS-16S

*User's Manual*

Doc No. : OC-SD6130903 / Rev1.2

**CONTENTS**


| | |
|---|---|
| **Contents** | **1-1** |
| **Specification / supporting resolution** | **1-2** |
| **Installation** | **1-3** |
| **Warranty Information** | **1-4** |
| **Troubleshooting** | **1-5** |

## Specification

| ITEM | DESCRIPTION |
|---|---|
| SD Input port | 1 (one) |
| SD Output port | 6 (six) |
| VIDEO Input format | YCbCr (422) |
| VIDEO Output format | YCbCr (422) |
| Input format AUDIO | AES/EBU / 48Khz |
| Power | 5~24V DC |
| Dimension | 105 x 95 x 25 (mm) |
| Weight | 0.2Kg |

## Supporting resolution

| SMPTE | Video Formats |
|---|---|
| SMPTE-424M | 3G : 1920*1080p(60/59.94/50) |
| SMPTE-274M | HD : 1920*1080i (60/59.94/50) |
| SMPTE-274M | HD : 1920*1080p (30/29.97/25/24/23.98) |
| SMPTE-296M | HD : 1280*720p (60/59.94/50) |
| SMPTE-125M | SD : 480i (NTSC ) |
| SMPTE-125M | SD : 576i (PAL) |



## Installation

**STEP1**

Plug the AC/DC adapter to AC inlet and connect to receptacle on the product.

**STEP2**

Connect SDI source to SDI input port of SDIS-16S with BNC coaxial cable.

**STEP3**

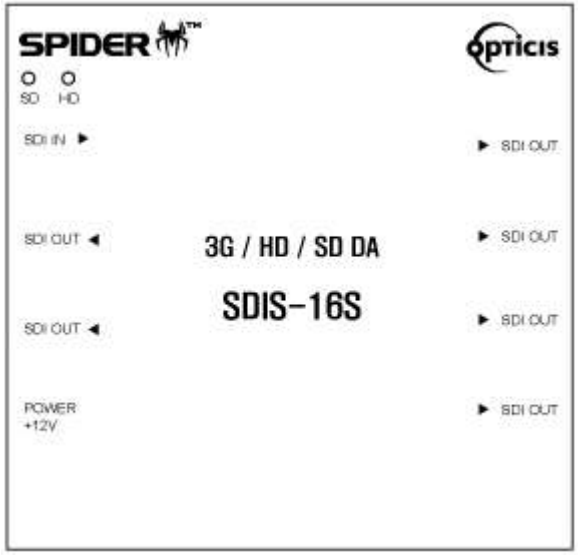
Connect HD/SD SDI display to SDI output port of SDIS-16S with BNC coaxial cable.

***Note.1***

***Auto equalizing (HD grade: signal compensation up to 100m, SD: up to 300m with Belden 1694 Cable)***

***Note.2***

***According to the connected signal (SD/HD), you can find the LED status.***



## Warranty Information

**1 (One) Year Warranty**

OPTICIS warrants OPTICIS SDIS-16S 3G-SDI splitter to be free from defects in workmanship and materials, under normal use and service, for a period of one (1) year from the date of purchase from OPTICIS or its authorized resellers.

If a product does not work as warranted during the applicable warranty period, OPTICIS shall, at its option and expense, repair the defective product or part, deliver to customer an equivalent product or part to replace the defective item, or refund to customer the purchase price paid for the defective product.

All products that are replaced will become the property of OPTICIS.

Replacement products may be new or reconditioned.

Any replaced or repaired product or part has a ninety (90) day warranty or the reminder of the initial warranty period, whichever is longer.

OPTICIS shall not be responsible for any software, firmware, information, or memory data of customer contained in, stored on, or integrated with any products returned to OPTICIS for repair under warranty or not.

**Warranty Limitation and Exclusion**
OPTICIS shall have no further obligation under the foregoing limited warranty if the product has been damaged due to abuse, misuse, neglect, accident, unusual physical or electrical stress, unauthorized modifications, tampering, alterations, or service other than by OPTICIS or its authorized agents, causes other than from ordinary use or failure to properly use the Product in the application for which said Product is intended.



## Troubleshooting

| Problem | Remedy Actions |
|---|---|
| Splitter does not Operate | Make sure the 12V power supply is plugged firmly to DC receptacle and AC inlet.<br>Check if the white LED light is on. |
| No picture (or signal)<br>Or Poor picture | 1. Check that your source and output devices are turned on and connected properly. The input of your machine should be of an identical signal format or standards as the output of your source. Signals at the output of your machine should be of an identical signal format or standards as the input of your display.<br>2. Check that any other device in the signal path has the proper input or output selected.<br>3. Check the maximum cable length was not exceeded.<br>4. Reboot the splitter. |

© 2013 Opticis Co., Ltd.  All Rights Reserved
Revision 1.2.  17, Oct, 2013

## Opticis Locations

**Headquarters**

Opticis Co., Ltd.
# 16Fl, Kins Tower
8 Sungnam-daero, 331 beon-gil,
Bundang-gu,
Seongnam-si, Gyunggi-do, 463-844
South Korea
Te l: +82 (31) 719-8033
Fax: +82 (31) 719-8032
www.opticis.com

For order support, please contact your Distributor or Reseller.

For technical support, check with the with the Opticis web site www.opticis.com or contact techsupport@opticis.com